AMENDMENT

IN THE CLAIMS:

1-26. (CANCELLED)

27. (PREVIOUSLY PRESENTED) A heat exchanger component comprising:

a plurality of metal condensing flow passages each having a surface; and

a film formed from a melted polyester applied directly to the surface of the plurality of metal condensing flow passages.

28. (PREVIOUSLY PRESENTED) The heat exchanger component as recited in claim 27 wherein the melted polyester is one of polybutylene terephthalate and polyethylene terephthalate.

29. (PREVIOUSLY PRESENTED) The heat exchanger component as recited in claim 27 wherein the surface of the plurality of metal condensing flow passages are heated by a heat exchanger heater when the melted polyester is applied directly to the surface.

30. (PREVIOUSLY PRESENTED) The heat exchanger component as recited in claim 27 further including a roller assembly that adheres the film to the surface of the plurality of metal condensing flow passages.

31. (PREVIOUSLY PRESENTED) The heat exchanger component as recited in claim 27 further including a polymer heater, wherein a plurality of polyester pellets are melted by the polymer heater to form the melted polyester.

32. (PREVIOUSLY PRESENTED) The heat exchanger component as recited in claim 27 wherein the surface of the plurality of metal condensing flow passages is substantially flat.

33. (PREVIOUSLY PRESENTED) The heat exchanger component as recited in claim 27 wherein the film has a thickness between approximately 0.2 and 10 mils.

34. (PREVIOUSLY PRESENTED) The heat exchanger component as recited in claim 27 wherein the heat exchanger component is a condensing heat exchanger.

35. (PREVIOUSLY PRESENTED) The heat exchanger component as recited in claim 27 wherein the heat exchanger component exchanges heat between a flue gas and air.

36. (PREVIOUSLY PRESENTED) A heat exchanger component comprising:

a plurality of metal condensing flow passages having a surface; and

a film formed from a melted polymer applied directly to the surface of the plurality of metal condensing flow passages, wherein the melted polymer is one of polyetherimide, polyethersulfone, polysufone and polyimide.

37. (PREVIOUSLY PRESENTED) The heat exchanger component as recited in claim 36 wherein the surface of the plurality of metal condensing flow passages are heated by a heat exchanger heater when the melted polymer is applied directly to the surface.

38. (PREVIOUSLY PRESENTED) The heat exchanger component as recited in claim 36 further including a roller assembly that adheres the film to the surface of the plurality of metal condensing flow passages.

39. (PREVIOUSLY PRESENTED) The heat exchanger component as recited in claim 36 further including a polymer heater, wherein a plurality of polymer pellets are melted by the polymer heater to form the melted polymer.

40. (PREVIOUSLY PRESENTED) The heat exchanger component as recited in claim 36 wherein the surface of the plurality of metal condensing flow passages is substantially flat.

41. (PREVIOUSLY PRESENTED) The heat exchanger component as recited in claim 36 wherein the film has a thickness between approximately 0.2 and 10 mils.

42. (PREVIOUSLY PRESENTED) The heat exchanger component as recited in claim 36 wherein the heat exchanger component is a condensing heat exchanger.

43. (PREVIOUSLY PRESENTED) The heat exchanger component as recited in claim 36 wherein the heat exchanger component exchanges heat between a flue gas and air.

44-46. (CANCELLED)